AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An image processing device for displaying an image representing an opaque object arranged in a virtual three-dimensional space, comprising:

light source position acquisition means for acquiring a light source position set in said virtual three-dimensional space;

viewpoint position and viewing direction acquisition means for acquiring a viewpoint position and a viewing direction set in said virtual three-dimensional space;

highlight position calculation means for calculating a position in said virtual three-dimensional space of an image representing a highlight caused by reflection of light from said light source appearing on a surface of said opaque object based on said viewpoint position;

highlight intensity calculation means for calculating intensity of the highlight based on said light source position and said viewing direction;

semitransparent composition means for performing semitransparent composition of said image representing the highlight onto said image representing said opaque object based on the position in said virtual three-dimensional space calculated by the highlight position calculation means and a semitransparent composition rate corresponding to the intensity calculated by the highlight intensity calculation means; and

image display means for displaying an image obtained by performing semitransparent composition of said image representing the highlight onto said image representing said opaque object by said semitransparent composition means.

2. (original): The image processing device according to claim 1, wherein

said highlight position calculation means calculates the position of the highlight based on said viewpoint position and said viewing direction.

3. (original): The image processing device according to claim 1, wherein

said highlight position calculation means calculates the position of the highlight based on said viewpoint position and said light source position.

4. (original): The image processing device according to any of claims 1-3, wherein

said highlight intensity calculation means calculates the intensity of the highlight based on said viewing direction and the direction connecting two of said light source position, said viewpoint position, and said highlight position.

5. (currently amended): An image processing method for displaying an image representing an opaque object arranged in a virtual three-dimensional space, comprising:

a light source position acquisition step for acquiring a light source position set in said virtual three-dimensional space;

a viewpoint position and viewing direction acquisition step for acquiring a viewpoint position and a viewing direction set in said virtual three-dimensional space;

a highlight position calculation step for calculating a position in said virtual three-dimensional space of an image representing a highlight caused by reflection of light from said light source appearing on a surface of said opaque object based on said viewpoint position;

a highlight intensity calculation step for calculating intensity of the highlight based on said light source position and said viewing direction;

a semitransparent composition step for performing semitransparent composition of said image representing the highlight onto said image representing said opaque object based on the position in said virtual three dimensional space calculated at said highlight position calculation step and a semitransparent composition rate corresponding to the intensity calculated at said highlight intensity calculation step; and

an image display step for displaying an image obtained by performing semitransparent composition of said image representing the highlight onto said image representing said opaque object at said semitransparent composition step.

6. (currently amended): An information storage medium for storing a program for causing a computer to function as:

light source position acquisition means for acquiring a light source position set in a virtual three-dimensional space;

viewpoint position and viewing direction acquisition means for acquiring a viewpoint position and a viewing direction set in said virtual three-dimensional space;

highlight position calculation means for calculating a position in said virtual three-dimensional space of an image representing a highlight caused by reflection of light from said light source appearing on a surface of an opaque object arranged in said virtual three-dimensional space based on said viewpoint position;

highlight intensity calculation means for calculating intensity of the highlight based on said light source position and said viewing direction;

semitransparent composition means for performing semitransparent composition of said image representing the highlight onto said image representing said opaque object based on the position in said virtual three dimensional space calculated by said highlight position calculation means and a semitransparent composition rate corresponding to the intensity calculated by said highlight intensity calculation means; and

image display means for displaying an image obtained by performing semitransparent composition of said image representing the highlight onto said image representing said opaque object by said semitransparent composition means.